

**PARKING WILL BE LIMITED AT THE Y-12 EAST PORTAL** during work of remodeling and enlarging the facilities there. The entire striped area on the map will be torn up, leaving less than half of the original parking space available. The temporary access road will be used for official travel only to and from the East Portal. See story below.

## Price Of Progress —

## Parkers At Y-12 East Portal Urged To Use Facilities At North Portal During Work

**Space Will Be Limited During Period Of Enlargement And Modernization Of Area**

With work of enlarging and modernizing the East Portal parking lot getting into full swing this week, Y-12 motorists using this facility will face several weeks of readjustment in their parking

## Y-12 Bus Route To Be Changed Next Monday

A change in the routing of the Y-12 Plant bus service will become effective next Monday, September 21. The change will eliminate the necessity of pedestrian traffic cutting across the bus route at the Y-12 Cafeteria, doing away with a potential traffic hazard at that point on First St. and D Road.

West bound buses will proceed from Bldg. 9753 at the East Portal westward on First St. to J Road, running in front of Bldg. 9204-4 at the west end of the plant area. The eastbound route then will be south on J Road, east on Second St. to Bldg. 9204-3, north on F Road, east on First St. to the Cafeteria, south on D Road, east on Second St., to A Road and then north to the East Portal starting point.

Only east bound busses will stop at the present bus shelter at the intersection at D Road and First St. The west bound bus will pick up passengers at the Cafeteria.

The bus schedule will remain on a 20-minute headway from 8:15 a.m. to 11 a.m. and from 1 p.m. to 4:15 p.m. Between 11 a.m. and 1 p.m., busses will run at 10-minute intervals.

### KINZEL AWARDED MEDAL

Dr. Augustus B. Kinzel, one of Union Carbide's leading scientists, was awarded the Powder Metallurgy Medal by Stevens Institute of Technology recently. He was cited as "one of the country's eminent metallurgists, whose personal contributions to the art of powder metallurgy are formidable." The medal, established in 1941, has been awarded to eight outstanding engineers and scientists.

habits. However, with a spirit of understanding that whatever inconvenience is caused is the "price of progress" it is expected that the problems will be minimized. The parking lot enlargement project, when completed, will greatly increase the number of spaces to a total of 395 in the present space and the new area to be located just south of the new East Portal building.

### Ample Space At North Portal

During the improvement work, the present parking area at the East Portal lot will be cut approximately one-half, and many Y-12 motorists will have to seek parking space elsewhere. It is suggested that many of them can use the facilities at the North Portal lots, where there is ample space to care for the overflow from the East Portal.

In the accompanying map pictured above the shaded areas show the space that will be removed from parking use during the improvement project, and also the new area to be provided. The present gravel lot to the east of the present parking areas is assigned to the Ferguson Construction Co. employees and Y-12ers are asked not to encroach on that space.

### Access Roads Is Available

The access road shown on the map is to carry official traffic temporarily to and from the portal during the work of improvement and enlargement.

To ease the situation for Y-12ers who still may be using the portion of the parking space available during the immediate future, two-way traffic will be allowed on the East Portal Road to and from the Bear Creek Road. The ban on entrance to the East Portal Road from Bear Creek Road that has been in effect for some time on such traffic between 4:30 p.m. and 5 p.m., will be lifted during the construction period. An Atomic Energy Commission patrolman will be on duty at the intersection to speed the flow of traffic at shift change times.

Another plan to temporarily

Continued on Page 6

## Time Growing Short To Get Educational

**UT Schools Registration To Open Next Week; AEP Enrollment Now Open, Closes October 2**

Time is growing short for Y-12ers who wish to apply for benefits under the Union Carbide Nuclear Company Educational Assistance Program for classes to be taken in the fall terms at the University of Tennessee Evening School and Graduate School and the Oak Ridge Adult Education Program. Enrollment for the latter institution now is underway and registration has been set for next week for the two UT schools offering courses eligible for aid under the UCNC Program.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
74 Days Or  
2,293,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through September 13  
Phone 7755  
For Daily Report  
On Accident-Free Hours

## Ventriloquist Will Appear At Picnic By D Shifters

A highly entertaining ventriloquist act by Elbert Lockhart, a Y-12er in Production Control, will be presented at a weiner roast to be held by D Shifters on Thursday, October 1. The affair will be held at Concord Park, on Ft. Loudoun Lake, beginning at 5 p.m. Everything in the way of food and soft drinks will be free to all guests, with the shift recreation committee arranging the shindig. Lockhart has appeared at several Y-12 functions with his dummy, "Slinky Lagoon," in an amusing line of patter. Prizes are to be awarded all youngsters under 10 years old attending the weiner roast and adults will receive prizes in a drawing.

## Y-12 Applications Stand Benefits

Application for the UCNC benefits are to be made to the Y-12 Insurance and Benefit Plans Office, Room 132-A, Bldg. 9704-2. Arnold Tiller is in charge of administering the Program and will provide information on all details about courses offered and eligibility for benefits and other data desired.

### UT Dates Are Given

Registration for the UT Evening School will be held at Room 116, Oak Ridge High School, from 6 p.m. to 9 p.m., Friday, September 25 and from 9 a.m. to 12 noon on Saturday, September 26. Enrollments will be accepted on the same dates and times at the UT College of Business Administration in Knoxville. Classes will open on Monday, September 28.

The UT Graduate School will accept enrollments on Monday, September 21, from 6 p.m. to 9 p.m. at the Oak Ridge Institute of Nuclear Studies Training Building. Classes start Thursday, September 24.

The Oak Ridge Adult Education Program registration, now open, will continue until Friday, October 2. Enrollments in the AEP classes will be taken at the Adult Education Program office in the Oak Ridge High School. Classes open Monday, September 28.

Enrollment in correspondence

Continued on Page 6

## U-T TV Courses For 'Classroom' Program Listed

**Physics And Chemistry Classes To Supplement Television Offerings**

The University of Tennessee has announced courses to be offered in physics and chemistry to Y-12ers and other Union Carbide Nuclear Company employees who wish to take them in connection with the upcoming television program, "Continental Classroom." The program will start on Monday morning, September 28, over Station WATE-TV, Channel 6, Knoxville, from 6 a.m. to 7 a.m. "Continental Classroom" will continue until May 27, 1960.

### UCC One Of Sponsors

"Continental Classroom" is being sponsored by Union Carbide Corporation and seven other leading industrial firms of the country and the Ford Foundation. The American Chemical Society and the American Association for Teacher Education are co-partners with the National Broadcasting Co. in presenting "Continental Classroom."

The one-hour telecast is divided into two parts. The first 30 minutes will be a repeat telecast of the Atomic Physics show of last year. The last half of the program will present a Modern Chemistry course, covering the fundamental principles and a survey of recent developments in the field.

### Dr. Baxter Is Conductor

"Continental Classroom" will be conducted by Dr. John W. Baxter, on leave from the University of Florida, where he has been professor of chemistry since 1952. Guest lecturers will include Nobel Prize winners in chemistry and other leading scientists.

Y-12ers interested in enrolling in the courses offered by the University of Tennessee may obtain full information on details of the courses, how to obtain application forms and how to register by writing U-T Television, University of Tennessee, Knoxville, or telephone Knoxville 4-2981, Ext. 236, Department of Broadcasting Service.

### College Credits Offered

The University of Tennessee Physics Department will offer 10 quarter hours of college credit for Atomic Age Physics, designated as Physics 221TV, 341TV, and 342TV. No previous college work is required for Physics 221TV, but this first course will be a prerequisite for Physics

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## U-T TV COURSES ELIGIBLE FOR EDUCATIONAL BENEFITS

The physics and chemistry courses to be offered by the University of Tennessee in connection with "Continental Classroom" are qualified for benefits under the Union Carbide Nuclear Company Educational Assistance Program. Application forms may be obtained from the Y-12 Insurance and Benefit Plans Office, Room 132-A, Bldg. 9704-2. This office also will provide information on fees that are required for the courses.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
Union Carbide Corporation

GEORGE W. DOBBS Editor

OFFICE  
Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Rooms 263-265  
Telephones 7100-7109

## Secretaries Invited To Take CPS Exam

### Review Course Slated For Ridge Applicants

All secretaries in the Y-12 Plant have been invited to apply for and take the examination for Certified Professional Secretary, which are to be held next May 6 and 7, 1960. In anticipation of the examination a Certified Professional Secretary review course will be held in Oak Ridge this year and Y-12ers interested in the course and the following CPS examination may obtain application blanks from Geneva Carter, of the Y-12 Mechanical Operations Division, Bldg. 9212, plant phone 7195. All applications must be made before December 1.

The review course is being prepared by Prof. George A. Wagoner, dean of the institute for certifying secretaries and professor of business administration at the University of Tennessee.

Sponsored by the National Secretaries Association the Certified Professional Secretary rank is aimed at giving secretaries professional status. To receive the CPS rating, secretaries must pass all parts of the 12-hour, two-day examination. Questions include subjects such as personal adjustment, human relations, business law, business administration, secretarial skills, accounting and procedures.

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next week.

### 15 YEARS

**August T. Sharp**, General Machine Shop, September 18.  
**Raymond L. Smithers**, Buildings and Grounds, September 18.  
**William T. Galyon**, Fire Department, September 18.  
**Edith L. Cruze**, Material Control, September 18.  
**Darnell E. Ferguson**, Receiving, September 19.  
**Madeline S. Franklin**, SS Control, September 20.  
**Susie M. McMullen**, Janitors, September 21.  
**Charles E. Gillihan**, SS Control, September 22.

### 10 YEARS

**Harrison Raper, Jr.**, Buildings and Grounds, September 17.  
**Ova C. Duck**, TW Shop, September 19.

## Friday Last Day To Pick Individual Safety Awards

The last day for Y-12ers and other Carbide employees in the Y-12 Plant Area to pick up their individual safety awards for the 24th Union Carbide Corporation Safety Period will be Friday of this week, September 18. The awards may be obtained at the Safety Department office, first floor, Bldg. 9704-2. Positively no awards will be given out after that date, according to the Safety Department.



Still strictly shaggy dog to Confused Confucius, the Colyum Conductor, is this yarn passed on by a Y-12er who — for obvious reasons — shall remain unidentified —

A traveling salesman was driving along a backwoods road one day and approached a slowly moving truck from behind. The truck driver was acting in a most peculiar manner. He would roll along for a mile or so, stop, get out of the vehicle and smite it soundly with a ball bat.

After several delays, the salesman finally caught up with the truck and asked the driver:

"Whyintheheck are you beating on your truck?"

"Well, said the truck driver, it's thisaway. This is a five-ton truck and I've got a six-ton load of canaries inside. So I have to stop once in awhile and stir 'em up so that one ton of birds is in the air all the time."

### MECHANICAL OPERATIONS

Enjoying a vacation to visit with his new baby girl, Lisa Dawn, is **George Cox**, Forming. The little gal was born September 4.

Production Control vacationers include **Phillip Smith** in Atlanta, Ga., **Jerry Dunn** at home in Oak Ridge and **Don Lanham** at home in Lenoir City. **Tommy Webber** and **L. D. Strader** took in the automobile races over at Darlington, N.C., Labor Day. **Pat Matlock** and friends spent the long week end in Gatlinburg. **Tom LaRue** and pals went over to Asheville, N.C., and enjoyed some travel on the famous Blue Ridge Highway. **M. M. Dickens** and folks also were recent visitors to North Carolina, seeing kin folks. Congratulations go to **John Kiernan** and the missus on the birth of a son September 7. Likewise to the **Harold Babbs**, who welcomed a new son to the family on September 5 and named him Stanley David. Get well wishes are extended to the mothers of **R. H. Burns** and **J. Atwater**.

Mechanical Operations Division was represented in Ohio last week by **Lucille Whitman** and her husband, Graydon, an ORNLite in the Y-12 Plant Area. They visited his parents in Cleveland and also spent some time in the Whitman's cabin on Lake Erie.

"Just loafing" at their respective homes are the reported vacation activities of **J. V. O'Neal** and **C. E. Crowe**, of the TW Shop. **M. F. Dukes** is roaming around the Smokies and also doing some water skiing. **G. A. Grider** is trying out the fishing on Douglas Lake. The Shop has a lot of ailing folks, to whom get well wishes are wafted. **W. L. Beals** still is off with his injured hand. **P. A. Fritts** is in St. Mary's Hospital, Knoxville, with pneumonia. No details on the miseries of **H. M. Malicoat**. **C. E. Jennings**, after a short period back at work, had to lay off again with his old back ailment. However, the department happily welcomes **Glen Neal** and **L. K. Phillips** back from the sick list. Back to vacations, **Marshall Biddix** took off for Gastonia, N.C., "planning everything." Stay-at-homers are **E. B. Seeber**, **P. Peterson** and **D. Neely**. Attending the Labor Day races at Darlington were **J. L. Gilliam** and **L. D. Copeland**. The newest Proud Pop of the group is **C. A. Moore**, whose wife presented him with an eight-pound, four-ounce boy September 3.

### MAINTENANCE

Research Services sends get well wishes to **W. V. Yaden**. **U. L. Alspaugh** really is living it up on his three-week vacation—El Paso, Tex., a couple of weeks in Hawaii and back to San Francisco. **J. L. Elter** is visiting kin folks in Chattanooga. **T. E. Shaw** is working on his new home in Clin-

ton. Condolences are extended **R. E. Baxter**, whose sister died recently. Likewise to **J. L. Spray**, whose mother-in-law succumbed a few days ago.

The Proud Grandpop of the week in Mechanical Maintenance is **G. E. Berney**—his oldest daughter gave birth of a son last Thursday, which, incidentally was the sixth birthday of his youngest daughter. **C. Holt** is really strutting around these days—his new daughter, Tamie Marie, was born August 27. **O. B. Wray** is visiting his son and daughter-in-law in Memphis where the son is attending the University of Tennessee School of Medicine.

### TECHNICAL

Radiation Safety radios that **Jerry Lambdin** is vacationing this week and pals wonder if he is picking strawberries again at his Clinton home. **Rachel Jinks**, who has been a summer employee for two years, will leave again soon to re-enter the University of Tennessee for her junior year. **Dixie Stinnett** and her husband, **Don**, General Machine Shop, spent Labor Day in Chattanooga and Alabama with relatives.

Special Testing has **Ruth Ruffner** vacationing in Lexington and Richmond, Ky.

Laboratory Operations said good-bye last Friday to **Lynn Hankins**, who left with her husband, **Bob**, who will teach school at Lakeland, La.

A Price family reunion at Gatlinburg occupied the Labor Day week end activities of **Rose Price**, Production Analysis. **Ruby Viator** spent the long week end in Williamsburg, Ky. **Muriel Culbertson** is vacationing in Colorado. Get well wishes go to **Juanita Moore**, ill at home in Karns. The Department is mighty happy for **Betty Creigh**, formerly of the department, who became mother of a fine baby daughter last week.

Special Projects gets into the Creigh parenthood act (noted above)—**Rod Creigh**, of the SPs is the Proud Pop of the seven-pound, eight-ounce young lady who has been named Candis.

### SHIFT SUPERINTENDENTS AND UTILITIES

Also getting into the Creigh parenthood case is **Finley Creigh**, B Shift Boss Man, who with the birth of the daughter to son, **Rod**, and **Betty** (recorded just previously) becomes a Proud Grandpop. **Jean Jones**, of the SS Office, is vacationing in Atlantic City, N.J. (where she easily could have been mistaken for one of the Miss America candidates).

The Steam Plant sends rapid recovery wishes to "**Scotty**" **Elsbree**, ill in Oak Ridge Hospital.

Utilities also sends get well wishes to **I. L. Hill**. The hot dogs, hamburgers and spun candy at the Knoxville fair is attracting **E. A. Wells** on vacation. **J. B. Tallent** went down to St. Petersburg, Fla. **J. L. Messenger** chugged down to Chattanooga. **H. C. Besson** is just staying at home. **J. L. Finchum** spent the Labor Day holiday in Ohio. **J. C. Thompson** spent his long week end visiting friends and relatives in Athens, Tenn., and **P. L. Beeler** tried out his new hotrod with some drag racing.

### ENGINEERING

Civil and Architectural Engineering's boss man, **Bill Hopkins**, is over in Nashville with Mrs. H. with Bill receiving some treatment at Vanderbilt Hospital—and pals hope he soon will be back in fine fettle. **W. A. Sloan** is back from a vacation spent at Hilton Head, N.C., where he caught a large catfish. **D. W. Platz** is vacationing in Little Ol' New York and doing the town up brown.

Mechanical Engineering reports

Continued on Page 4

## AEC Nuclear Energy Safety Course Opens Monday With UCNC Conducting Instruction

### Y-12er John W. Wachter On Program For Two Lectures During Two-Week Period At ORNL

With around 100 representatives of industrial firms and educational institutions engaged in the field of nuclear energy attending, a two-week nuclear safety course offered by the Atomic Energy Commission will open next Monday, September 21. The course will be conducted by the Union Carbide Nuclear Company at the Oak

Ridge National Laboratory, with scientists and engineering personnel from ORNL, the Y-12 Plant and the Oak Ridge Gaseous Diffusion Plant serving as instructors.

Representing the Y-12 Plant on the program will be **John W. Wachter**, senior special hazards engineer in the Radiation Safety Department. He will present two lectures during the course to discuss Y-12's handling of the nuclear safety problems. In his opening talk he will speak on "Nuclear Safety in Metal Processing Plants." This lecture will cover operations in both private and government plants engaged in nuclear energy work. Safety factors to be considered in containers, storage and machining of metals and other work will be described. The Y-12er's second talk will be "Application of Double Contingent Analysis," in which the unique methods used in the Y-12 Plant will be described.

The AEC is offering the nuclear safety course to emphasize the prevention of criticality in the handling of fissionable materials. The course is offered because such training is not available through established educational organizations and industrial firms engaged in nuclear energy work.



Mrs. William B. Barbee

### BARBEE-FREESTONE

Picture by  
R. M. Freestone, Jr.  
Father of the bride

Solemnized at 11 o'clock last Friday morning, September 11, was the marriage of Miss Mary Agnes Freestone, of the Y-12 Safety Department, and William Boyce Barbee, a student at the University of Tennessee. The wedding vows were exchanged at St. Mary's Catholic Church, Oak Ridge, with the Rev. Thomas Woodley officiating.

The bride is the daughter of Mr. and Mrs. R. M. Freestone, Jr., 104 Portland Lane, Oak Ridge. Parents of the groom are Mr. and Mrs. William A. Barbee, 498 Grant Ave., Manassas, Va.

Given in marriage by her uncle, **Richard Freestone**, the bride wore a gown of white lace over taffeta of ballerina length. The gown had a round neckline in front and a V-neck line in back and a white taffeta cummerbund. A tiara of pearls held her silk illusion veil. Her only jewelry was a single strand of pearls and small pearl earrings, a gift from the parents of the groom. Her flowers were a bouquet of daisies, lilies of the valley and sweetheart roses.

Miss **Frances Freestone**, sister of the bride, was maid of honor. She wore a pale yellow dress with lace covered bodice and an empire waistline. Her headpiece was of light brown net with yellow flowers. She carried lilies of the valley and daisies.

Serving as best man was the father of the groom. Ushers were **N. S. Chait**, Knoxville; and **Lynn Zoder**, Gatlinburg.

Following the ceremony a reception was held at the Oak Terrace Continental Room. Serving were Miss Mary Meighan, Knoxville; and Miss Jan Brown, Oak Ridge. Miss **Frances Freestone** was in charge of the guest book.

The bride is a graduate of Oak Ridge High School and also attended the University of Tennessee. The groom is a graduate of Castle Heights Military Academy, Lebanon, Tenn., and attends the University of Tennessee. He is past president of the Delta Tau Fraternity.

Out-of-town guests at the wedding were Mr. and Mrs. David A. Barbee, Gainesville, Va.; Miss Garna Johnson, Washington, D.C.; Mrs. Lillian E. Freestone, St. Petersburg, Fla.; Mr. and Mrs.

## Rides Wanted, Offered

Ride wanted from Karns community, Oak Ridge Highway, to North or Central Portal, straight day. **Kathy Moore**, plant phone 7382, home phone Knoxville 8-9931.

Ride wanted from 169 Tacoma Road, Oak Ridge, to Bear Creek Portal, straight day. **Beth Bridgeman**, plant phone 7-8296, home phone Oak Ridge 5-8814.

Two riders wanted from Central Ave. Pike, Powell, to any portal, straight day. **W. H. Donahue**, plant phone 7411, home phone Dial 9, Knoxville, then WH 7-7021.

Ride wanted from Newkirk Lane, Oak Ridge, to North Portal, straight day. **Dot Harris**, plant phone 7-8361.

Ride wanted from 2918 Woodbine Ave., Knoxville, to North or East Portal, straight day. **I. V. Goins**, plant phone 7-8634, home phone Knoxville 4-0274.

Want to join car pool from Clinton to North Portal, straight day. **D. E. Chastain**, plant phone 7312, home phone Clinton 1406.

## AIEE Section Sets Dinner Meeting For Thursday Night

A dinner meeting has been announced by the Oak Ridge Section of the American Institute of Electrical Engineers for 7 o'clock tomorrow night, Thursday, September 17. The meeting will be at the Alexander Hotel, Oak Ridge, with **Paul Caulfield**, of the Specialty Control Department of General Electric Co., Waynesboro, Va., as guest speaker. His subject will be "Program Control Machine Tool Positioning and Contouring." All Y-12 members of the section are urged to attend.

**William A. Barbee**, Manassas, Va., and **Richard Freestone**, St. Petersburg, Fla.

Following a wedding trip, the couple will be at home at 955 Temple Ave., Knoxville.





**EVERYBODY HAD LOTS OF FUN** at the recent Engineering Division picnic at beautiful Cove Lake State Park. In the picture at left Fran Willie, Contract Administration, is distributing balloons to a bunch of small fry guests. Adults in the background are, from left, Max Burklow, Industrial Relations; Emma Boyd, wife of John Boyd, Elec-

trical; Lettie Ault, Mechanical; and Max Lawson, Electrical. In the center is the inevitable high spot of any picnic—chow time—with a delicious and varied menu. Some guests at a small table enjoying their lunch in the picture at right are, clockwise, Virginia Slusher, formerly of Medical; Rosemary Douglass, Mechanical Inspection;

Mrs. W. E. Heckert, whose husband is divisional superintendent; Bill Heckert, her husband; Bob Slusher, Industrial, husband of Virginia; and Nelson Douglass, Industrial, husband of Rosemary. This picnic and others held by Y-12 groups provide a lot of fellowship for employees and their families during the year.



**UNION CARBIDE CORPORATION'S NEW OFFICE BUILDING IN NEW YORK CITY** is shown as No. 3 in this New York skyline view looking westward from the United Nations Building. The Empire State Building, tallest structure in the world, is No. 1, the Chrysler Building is No. 2 and No. 4 is the Waldorf Towers.

## New UCC Skyscraper In New York Tallest On Park Avenue; Former Champ Waldorf-Astoria Is Exceeded By 95 Feet

The Waldorf-Astoria is no longer the tallest structure on Park Ave., New York City. Completion of steel work and other finishing touches makes Union Carbide Building rise above the 625-foot-high twin spires of the famous landmark. When completed, the UCC building will have a 95-foot advantage over the former champion.

Workmen continue attaching curtain-wall units to the Madison Ave. section of the giant building and are installing glass in the windows on the 48th St. side. Lower sections of the tower will soon be ready for attachment of curtain-wall units.

### Mock-Up Tests Materials

An office "mock-up" is being constructed on the sixth floor of the Madison Ave. section. It will be used to test lighting fixtures, acoustical materials, partitions, and other necessary equipment. (Another mock-up on the Corporation's Westchester property is being used for evaluating color schemes, furniture, office designs, and interior and exterior panel arrangements.)

The protective board fence on Madison Ave. and part of 47th St. has been moved outward—with the pedestrian thoroughfare walk in the street protected from traffic by another, smaller, fence. This was done so workmen could prepare the ground surface around and under the building for installation of pink terrazzo for the

sidewalk and plaza. **Interior Work Proceeding** Work on the building's interior proceeds rapidly as workmen install plumbing, insulation, heating and air-conditioning ducts, elevators and escalators, and prepare floors and ceilings. Most of the lavatories in the Madison Ave. section are tiled and nearly complete. With work proceeding on schedule, it is expected that the Madison Ave. offices will be ready for occupancy in the near future.

sidewalk and plaza.

### Interior Work Proceeding

Work on the building's interior proceeds rapidly as workmen install plumbing, insulation, heating and air-conditioning ducts, elevators and escalators, and prepare floors and ceilings. Most of the lavatories in the Madison Ave. section are tiled and nearly complete. With work proceeding on schedule, it is expected that the Madison Ave. offices will be ready for occupancy in the near future.

## W. M. Haile Is Named UCC Vice President

### Former Head Of Linde Joined Firm In 1925

William M. Haile has been elected a vice-president of Union Carbide Corporation, it has been announced by Morse G. Dial, chairman of the board. Haile was formerly president of Linde Company, a Division of Union Carbide. He will supervise the activities of Linde Company, National Carbon Company and Union Carbide Metals Company. William B. Nicholson has been appointed president of Linde Company to succeed Haile.

Haile joined Union Carbide in 1925 in the New Orleans office of Linde Company. He became manager of the eastern region of Linde in 1952, vice-president of the Company in 1955, and president in 1957. In 1942-45 he was on leave with the War Production Board and in 1951 with the National Production Authority. He is a graduate of Tulane University.

Nicholson became associated with Union Carbide in 1935 as an engineer in the development laboratory of Linde Company in Newark, N.J. Following several years in the sales organization he returned to development work and was made manager of development in 1956, vice-president—gas products in 1958, and vice-president early in 1959. He received his B.S. degree from Georgia Institute of Technology and his M.S. degree from the University of Michigan.

### BIGGEST CHECK WRITTEN

The biggest check ever written was for \$7,500,000,000. It was to transfer funds from one United States treasury account to another.



**COMFORTABLY GARBED** for picnic purposes in the top picture awaiting their turn at horseshoe pitching are Lettie Ault, Mechanical Engineering; and Walt Simmons, Mechanical Maintenance; at the recent Engineering Division picnic. In the bottom picture, M. B. "Wimpy" Hilton, Mechanical Engineering, seems to find his horseshoe pitching real amusing, as do Gene Cooper, Instrument Engineering, rear; and Tommy Swindell, Mechanical Engineering, middle.

## Agi Jambor Will Present Bach Program Next Sunday

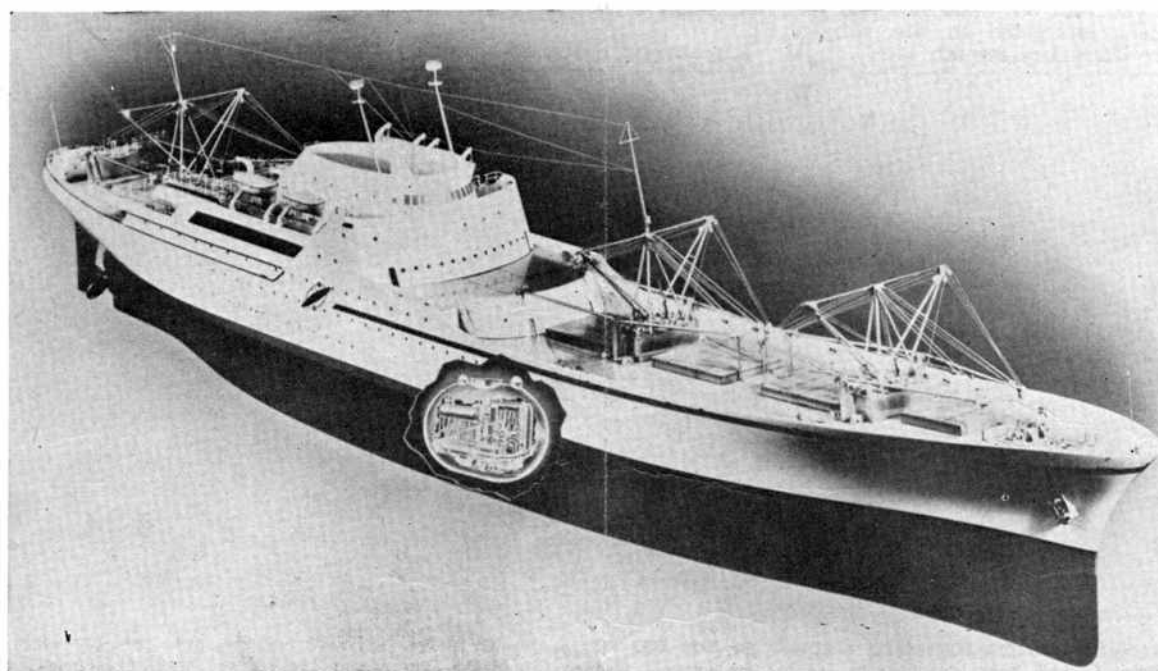
Pianist Agi Jambor will present a program of six concertos for piano and string orchestra by Johann Sebastian Bach next Sunday afternoon and night, September 20, at the Oak Ridge High School auditorium. The first three will be played between 4 p.m. and 5 p.m. and the final three from 8 p.m. to 10 p.m. She will be assisted by a chamber music orchestra selected from the Oak Ridge Symphony Orchestra. The program will be presented as a benefit for the Oak Ridge School of Music, which Madam Jambor founded several years ago.

### SWAN HEADS PLANNERS

David Swan, who has been with Union Carbide Corporation since 1946, has been appointed Manager-Planning for UCC. He had been Vice President-Research for the Linde Company since 1958.

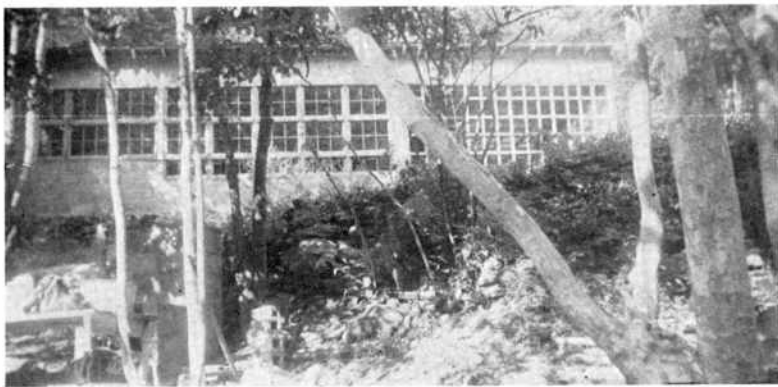
## Third Lecture In AWS Series Set For Thursday

"Principles of Heat Treatment" will be the subject of a lecture by J. L. Scott, University of Tennessee now on assignment with the Oak Ridge National Laboratory, in the third of a series of talks under auspices of the Northeast Tennessee Section of the American Welding Society. The lecture will be at 7:30 o'clock tomorrow night, Thursday, September 17, at the Oak Ridge Institute of Nuclear Studies building on Administration Road. The lecture series covers various phases of the metallurgy of steel.

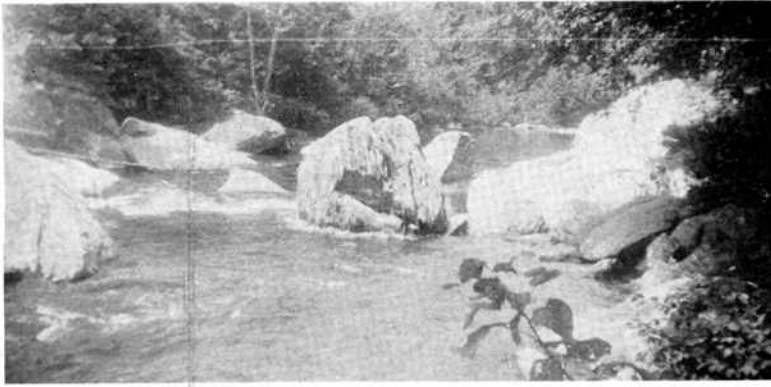


**THE TRAIL-BLAZER IN THE FIELD OF SHIPPING IS THE NUCLEAR-PROPELLED SHIP SAVANNAH**, above, launched this summer and scheduled to be placed in operation some time next year. The Y-12 Plant and the Oak Ridge National Laboratory participated in planning and furnishing parts and material for the ship, which is to be fueled by 690 pounds of Uranium 235 produced and furnished by the Oak Ridge Gaseous Diffusion Plant.





THE NEARLY COMPLETED FIVE-ROOM SMOKY MOUNTAIN CABIN, left, will provide a summer vacation spot for many years for W. H. Donahue, General Machine Shop, and his family. Donahue is building the place himself on the bank of the



East Prong of the rugged and rampaging Little Pigeon River, a stretch of which is shown at right. A barbecue pit can be seen at the left in the picture of the house. Donahue also built his home over at Powell.

'Does It Himself' —

## Y-12er Is Building Vacation Cabin On River In Smokies

Summer Home Overlooks Little Pigeon River; W. H. Donahue Designed House, Doing All Work

When it comes to "do-it-yourself" tasks W. H. Donahue, of the Y-12 General Machine Shop, really aims at large projects—such as complete houses. His latest endeavor, still not quite completed, is an attractive five-room and carport modern "cabin" in the Smokies for summer living. Another Donahue "do-it-yourself" job of house building was started back in 1948—and about three years later he had finished a fine six-room house, with garage, breezeway and basement over in the Powell community.

### Four Miles From Gatlinburg

The Smoky Mountain retreat of the Y-12er is located some four miles east of Gatlinburg, facing directly on the turbulent East Prong of the Little Pigeon River. Donahue started work on the house on May 1, working mostly on week ends—and has made excellent progress. The cabin is a one-story structure of concrete block and mountain stone and its dimensions are 42 by 24 feet. The water supply comes from a spring located above the building, making a pump unnecessary. Spacious windows overlook the picturesque river—and Donahue reports he caught several bass and rainbow trout from the river directly in front of the house while he was working there a few weeks ago.

In addition to the natural recreation facilities offered by the Little Pigeon River, Donahue has constructed a barbecue pit overlooking the river and also a 100 by 50-foot swimming pool right in the river, utilizing the crystal clear mountain stream water.

### Cabin On Two Acres

The Donahue cabin is located on about two acres of land that the Y-12er bought about one year ago. When he first inspected the property he found a huge black bear, weighing between 400 and 500 pounds, on the land. However, the bear was very dead, having been shot somewhere by a hunter and taking refuge on the Donahue property to die.

Admitting that "carpentry always has been my hobby," Donahue said he had done all the work on the mountain cabin himself, including electrical and plumbing installations. He also designed the structure—as he did the family home over in Powell area on Central Ave Pike near Emory Road.

(A description and report of Donahue's work on the Powell house appeared in The Bulletin on November 12, 1952.)

Donahue is one of the "old-timers" around the Y-12 plant, having come to work on September 7, 1943.

A diamond is a woman's idea of a stepping stone to success.



## 251 Deer Released For Restoration

A total of 251 deer were released by the Tennessee Game and Fish Commission on deer restoration units during the 1958-59 fiscal year. Of this number 76 bucks and 75 does were trapped on the Clarksville Base, a U.S. Navy installation in Stewart County. The remaining 100 animals, which included 33 bucks and 67 does, were trapped on the Central Peninsula Wildlife Management Area.

Deer were released on the Weakly County-Henry County unit, the Bradley, Hamilton, and Meigs County unit, the Carter County unit, and the Hancock-Hawkins County unit. All stocked areas are usually closed for a minimum of five years to allow the new herd to become established.

## ORNL Man Will Conduct Physics Seminar Thursday

J. H. Gibbons, of the Physics Division of Oak Ridge National Laboratory, will conduct the divisional physics seminar on Thursday afternoon of this week, September 17. The meeting will be at 3:15 o'clock in the auditorium of Bldg. 4500, ORNL. The discussion subject will be "Radiative Neutron Capture" and Y-12ers interested in the subject are invited to attend.



Continued from Page 2

that the H. D. Cunninghams are the proud parents of Mark Bryant, who weighed in at six pounds, 13½ ounces on Labor Day—so congratulations . . . W. K. Forrester returned from a week of loafing and hunting—didn't say much but appeared to be delightfully full of squirrel meat . . . The Tommy Swindells are vacationing in the Deep South this week, principally at Biloxi, Miss., where Son No. 2 is stationed at Keesler Air Force Base . . . Sympathy is extended to Lettie Ault's family, whose grandmother, Mrs. Nell Toney, died in Knoxville last week . . . Wilbur Allin was a week-end delegate to the Episcopal Layman's Conference at Monteagle, Tenn. . . . Harold Fell, one of the ME co-oppers, has ambled back to Alabama Polytechnic Institute at Auburn for another round with the professors . . . The Jack Blackerbys were in Williamsburg, Ky., last week end attending the wedding of a close friend—in fact, Mrs. B. was one of the bridesmaids.

### FINANCE AND MATERIALS

Reproduction rolled out the red rug welcome to Mabel Wright, recently transferred to the group . . . Farewell good wishes have been extended summer employees Leon Pruitt, Karl Morgan, Jr., and Alice Dixon, who left last week to return to school . . . Charley "Ski Daddy" Hughes is getting in a lot of practice recently.

Joining the ranks of the Proud Pops last week was "Vandy" Vandergriff, of the Cashier-Travel Department—he and his wife adopted a baby boy September 10 . . . Betty Heath, still ill in Ft. Sanders Presbyterian Hospital in Knoxville as an aftermath of her automobile accident several weeks ago, is receiving get well wishes from many friends throughout Y-12.

Engineering Records heartily

welcomed newcomer Ollie Keene last week . . . Get well wishes are rushed to John S. Henley, on the ailing list.

### INDUSTRIAL RELATIONS

This purty young 'un is Marcia Pearson, whose Dad, Ralph Pearson, is a sorta handyman around the Industrial Relations Division. Marcia is nine years old and is in the fourth grade at the Clinton grammar school, where she recently was elected to the school Student Council.



Marcia Pearson

Her pop says she is a steady reader of The Bulletin.

The little guy wasn't paying off bets on the Yankees when he passed cigars around last week in Labor Relations and other groups in the division—Jesse Guinn, Labor Relations was celebrating the arrival at Oak Ridge Hospital September 5 of a daughter, Barbara Jean, weighing seven pounds, one and one-half ounces.

Visits to their "chilluns" in numerous and sundry places will occupy the vacation activities of Guard D. H. Patterson, Fire and Guard Department, and his wife, Wynetta, Cafeteria—they left last Friday for Memphis, St. Louis, Chicago and Wisconsin . . . Guard F. L. Roberts was welcomed back to work after being ill for some time . . . Fireman H. L. Miller is spending an industrious vacation painting and fixing up his home.

Two ghosts walked into a bar and asked the bartender: "Do you serve spirits?"

Don't miss too many opportunities to keep your mouth shut about classified information.

## Y-12er J. L. Noey ISA Delegate To Chicago

Big Meeting Scheduled For Council Next Week

The Oak Ridge Section of the Instrument Society of America will be represented at the ISA council meeting in Chicago September 21-25

by J. L. Noey, of the Y-12 Instrument Engineering Department. Noey will be the Oak Ridge principal delegate to the council meeting with J. L. Horton, Oak Ridge National Laboratory instrument engineer, to serve as alternate delegate.

Noey and Horton were appointed to represent the Oak Ridge group by J. A. Russell, Jr., president of the section.

The ISA council is the governing body of the society. Its meeting next week in Chicago will be in connection with the society's 14th Annual Instrument-Automation Conference and Exhibit.

Several thousand delegates of scientists and engineers from all over the world are expected to attend the Chicago meeting. More than 50 technical sessions on virtually all aspects of progress in research and industrial instrumentalization are on the program. About 350 organizations will exhibit the latest in equipment and demonstrate applications.

## U. S. Will Give British Sub Propulsion Plant

The United States has authorized the transfer to the United Kingdom of a complete Skipjack-type submarine nuclear propulsion plant. The deal includes spare parts, design and related information, according to Atomic Energy Commissioner Chairman John A. McCone. Authority for the transfer is under the amended Atomic Energy Act of 1954 and the mutual defense agreement between the United States and Great Britain.

The Westinghouse Electric Corp. has contracted to sell to the Rolls Royce Co., as agent of the British Admiralty, a complete reactor propulsion plant similar to that installed in the latest American submarines of the Skipjack class. The reactor unit will be installed in the British submarine Dreadnought.

There were 24,830 pedestrians injured crossing intersections with the signal in their favor during 1958 in the United States.



FAMILIAR FLORIDA SCENES TO THROGS OF Y-12 TOURISTS are shown above, taken by I. E. Robinette, Research Services, on a recent vacation trip to the Sunshine State. At left is the Castillo de San Marcos, at St. Augustine, the oldest military fortification on the Western continent. It was started by the Spaniards in 1672, but was not completed until 1756 by Indians and slaves. It covers five acres of land and some of the walls are 40 feet thick. Built of coquina shell, the old fort is one of the finest preserved in the world. Flags of five nations have

flown over the fort, now commonly known as Ft. Marion. The center picture shows a refugee from a luggage factory in the St. Augustine Alligator Farm enjoying a slide, just like folks. The gator climbed a steep ladder at the rear of the slide to put on his act, seen several times daily. Among many other "oldest" buildings in North America is the old school house on quaint and narrow St. George St., just inside the city gates. A Spanish map of 1788 shows this house of wood "in fair condition." It is built entirely of red cedar and open daily to visitors.





A SPLENDID OVERALL PICTURE OF THE ARK BOWLING LANES ON THE OPENING NIGHT of the Classic League of Y-12 bowlers is shown above. The 24-alley bowling facility in Oak Ridge is one of the finest in the South and the scene of pin toppling activities of all four Y-12 leagues.

## Scrappers, A Cats Tied In Mixed

The Scrappers and Alley Cats each posted four-point whitewash wins in the opening round of play in the Mixed League of Y-12 bowlers last week. The victims were the Phantoms and Cool Cats. The Toppers took three from the Goofers and the Pin Plasters handed a similar defeat to the Nip and Tucks.

Lloyd Keller, of the Goofers, had the best men's scratch game of 211 with Nell Jago topping the distaff side with 167. In handicap games it was Tom Hillard, Toppers, with 538 and Mary Cusman, Scrappers, with 427. The Goofers had the top team game scratch score of 643 and the Toppers' handicap score of 1802 was tops of the night.

League standing follows:

Team	W	L
Scrappers	4	0
Alley Cats	4	0
Toppers	3	1
Pin Plasters	3	1
Goofers	1	3
Nip and Tucks	1	3
Phantoms	0	4
Cool Cats	0	4

## Tennis Loop Tied; Ends This Week

With two players tied for the lead in the Y-12 Men's Tennis League and another having a chance to catch up, play in the net loop will come to a close this week. Sam Campbell, the defending champion, climbed to a tie with Alan Christman, Campbell gaining a forfeit from J. L. Disney, who has withdrawn from the loop. Charley Robinson also advanced the same way and is scheduled to play Mike Laggis and Ray Kuhn this week, needing victories in both matches to tie the leaders.

League standing as of last Friday follows:

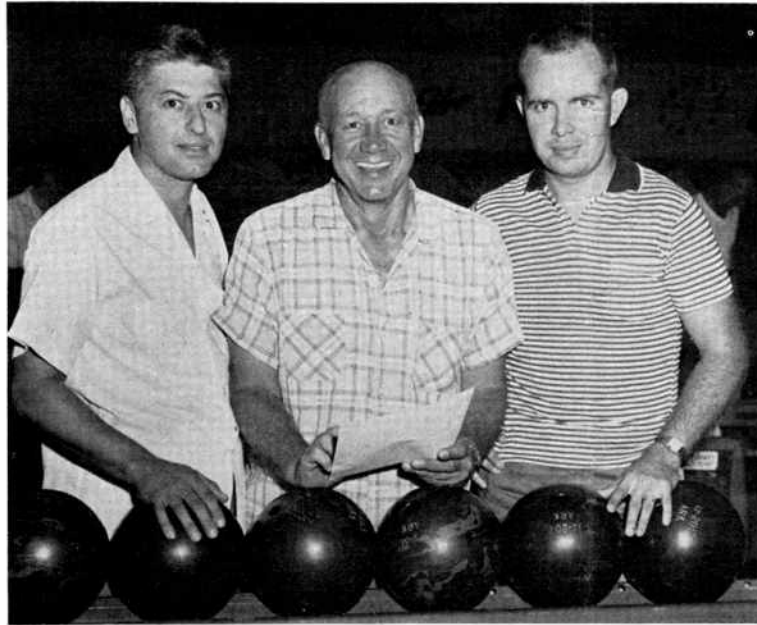
Player	W	L
Alan Christman	8	1
Sam Campbell	8	1
Charley Robinson	6	1
Mike Laggis	5	2
A. M. Stephens	5	2
Roy Kuhn	3	5
John Perry	4	5
P. C. Reikmeyer	1	7
W. L. Horper	1	8
J. L. Disney	1	8

## Thomas-Crass Win Harriman Round

Thomas and Crass crashed through Tilley-Evans for a four-point whitewash victory in the last match of the third and final round of play in the Harriman League of Carbide golfers to take top honors for that period. The losers had occupied first place for some time.

In a draw for playoff matches for the league seasonal championship Walker-Hoppe, first round titlists, will meet Isham-Henck, who were in front for the second round. The winner of this engagement will play Thomas-Crass for the 1959 championship.

In other final third round matches Brown-Jordan took four points from Cuneo-Grimes, Ellis-Anglin took four by forfeit from Warlick-Willmarth and Walker-



GUIDING LIGHTS (OFFICERS) OF THE CLASSIC LEAGUE of Y-12 Plant bowlers are shown above. From left are Tom Pappas, secretary; George Riddle, president; and Sewell Brown, vice president.

## Eight Balls Whitewash Swingsters Team To Take Lead In Classic Bowling Loop

The Eight Balls took over undisputed possession of first place in the Classic Bowling League last week by whitewashing the Swingsters for four points. The Smelters were right behind with a three-point win over the Wolves.

Other whitewash wins were scored by the Rippers over the Has Beens and the Rebels over the Playboys. Three-point triumphs were registered by the Bumpers over the Markers, All Stars over the Tigers, Sportsmen over the Screwballs and Cubs over the Wasps.

M. B. "Wimpy" Hilton, Cubs, came through with a 228 scratch game for tops of the night and Jim Whitten's handicap game of 260 for the Eight Balls also was high. Jack Spears, Has Beens, rolled a neat 576 scratch series and Don Troutman, Markers, a 676 handicap series to lead the field. In team scoring the Bumpers had the top handicap series of 2943 while the top scratch score was 1055 by the Rebels.

League standing follows:

Team	W	L
Eight Balls	8	0
Smelters	7	1
Bumpers	6	2
All Stars	6	2
Wolves	5	3
Rippers	5	3
Wasps	4	4
Sportsmen	4	4
Cubs	4	4
Rebels	4	4
Has Beens	3	5
Markers	3	5
Screwballs	3	5
Swingsters	1	7
Tigers	1	7
Playboys	0	8

Hoppe had a similar decision over Isham-Henck.

Final third round standings follow:

Team	W	L
Thomas-Crass	22½	5½
Tilley-Evans	20	8
Brown-Jordan	16½	11½
Walker-Hoppe	16	12
Cuneo-Grimes	11½	16½
Isham-Henck	11½	16½
Ellis-Anglin	10½	17½
Warlick-Willmarth	2½	25½

No one wants a permanent vacation—so play safely.

## Kendig-Justice Hold 'Shoe League Lead

Kendig-Justice held their one-point lead and a spotless mark for the second half of play in the Y-12 Plant Horseshoe Pitching League last week by taking three points from Tiller-Petty. Close behind as only this week remains in the schedule are Dunlap-Stanley, who beat Zupan-Smith by two points.

League standing as of last Friday follows:

Team	W	L
Kendig-Justice	15	0
Dunlap-Stanley	14	1
Zupan-Smith	13	2
Tiller-Petty	6	9
Raper-Tripp	6	9
Freeman-Martin	3	12
Green-Hartledge	3	12
Berry-Kaylor	0	15

## Illegal Angling Is Wasting Fish

Game and Fish Commission officers and fishery biologists report that wire baskets and trammel nets set illegally are capturing and killing many nice game fish. Game and Fish employees in recent weeks have found numerous wire baskets and nets literally full of dead and half-decayed fish. Violators apparently set the illegal gear and never bother to run them.

Fishery Biologists Jerry Trenary and Gene Cobb a short time ago found one wire basket which contained 49 white and yellow bass, 24 of which were dead. Fish wasted in this manner deprive legitimate anglers of many hours of exciting sport just to satisfy the greed of a few individuals.

# Dorr, Hines And Gillen All Win First Round Matches In All-Carbide Meet

Y-12ers Win 28 Decisions Out Of 54 Tilts; Eight Were Over Fellow Plant Players

From available returns after the first round of play in the All-Carbide Golf Tournament Y-12ers seemed to be doing all right for themselves. Out of 54 matches played involving Y-12ers, 28 wins were posted against 26 defeats. However, in about eight of these scraps both contestants were Y-12 golfers.

Dorr Takes Close One

Probably the most important engagement recorded was the two and one victory posted by defending champion Carl Dorr over fellow Y-12er George Wylie in the Championship Flight. Two other Y-12ers, Art Hines and Al Gillen, also won their first round tilts in the Championship Flight. Hines beat E. H. James, Oak Ridge Gaseous Diffusion Plant and Gillen turned back J. R. Malone, of the same plant.

In the First Flight, two Y-12ers eliminated fellow employees in opening clashes. J. E. Bartholomew defeated A. E. Allen and W. T. Mee trimmed Arnold Tiller. In another all Y-12 match, Joe Pryson topped Paddy Peckman in the Second Flight. Another similar clash saw George Oliphant lick Bob Orrison in the Fourth.

Only Woman Entrant Wins

The only woman contestant in the tournament, Helen Daggett, of Oak Ridge National Laboratory, turned in a victory over fellow Labster, Donald Gardiner, in the Seventh Flight.

Another Y-12er ousted by a fellow employee was R. J. Luck, who was topped by R. P. Wallace in the 13th Flight. In the 18th Flight Gentry Underwood beat Harold Ratjen, both being Y-12ers. O. E. Gilcrease took a forfeit from fellow Y-12er T. E. Verner in the 21st.

Back in the 28th flight the first Y-12er to reach the finals was Ernest Kennedy, who defeated Jim Bailey, ORGDP, nine and five. Only four players were in this flight.

## Conservation Agent Assigned To Knox

Ray Henry, law enforcement supervisor of the second district of the Tennessee Game and Fish Commission, recently announced the assignment of E. C. Higgins as conservation officer for Knox County. Officer Higgins is married and has two children. His last assignment was Monroe County and he formerly lived in Tellico Plains.

Knox County has been without an officer since the death of Officer Chester Johnson who died last May.

Accidents, according to the National Safety Council, are the leading cause of death to school-age children.



HERE'S A NICE smallmouth bass, caught from Norris Lake recently by W. T. Mitchell, Research Services, and entered in the Y-12 Annual Fishing Contest. Mitchell used a jig lure to land the lunger.

## Reactors Capture 1959 Softie Title

Take Two Straight From Battling Kids

In a ding-dong finish to a highly successful season, the Reactors took two straight games from the Whiz Kids in a playoff "World Series" for the Y-12 Plant Softball League 1959 championship. The Whizzers previously had earned their right to enter the playoff series by taking a one-game playoff for the second half of the season title after the two teams had finished in a dead heat. The Reactors won the first half of the season.

Manager Harley Law's Reactors took the crown by winning the two series games by 6 to 3 and 5 to 1. The Kids took the second half of the season race with a 5 to 2 victory.

Center Fielding Spectacular

The Reactor battery of Ed Hawkins and Smith were the difference in the final championship battle. Hawkins held the dangerous Whiz Kid hitters to three bingles and contributed a home run to his own cause. Smith got two for three hits in this one. The fielding of the opposing center fielders was spectacular. In the fourth inning Tom Hardin, of the Reactors, raced far back to grab a home run bid by the Whizzer manager, J. D. Collins. The ball was hit so far that Ernie Collins, Whizzer third sacker, scored from second base after the catch. Then in the seventh Don Forrester, of the Kids, also dug far back in the pasture to rob Cheek of a probable homer.

In turning in the victory that put them in the finals, Don Matlock held the eventual champs to one hit and whiffed 10. However, three errors and eight bases on balls enabled the Reactors to enter the scoring column. On the other hand, Hawkins also hurled well, allowing but two hits but giving up five costly passes.

Big Inning Valuable

A three-run fifth inning gave the Reactors the first series game, although the Kids outthit the victors. Again, Whiz Kids errors hurt badly. Spud Chandler, the Reactors mainstay hurler all season, scattered the five hits he allowed, the same number as he fanned. J. Collins got two for three and Atkins a homer for the losers. Hayes fanned 11 Reactors, but allowed three walks. Dyer homered for the winners.

Line scores of the final three games of the season follow:

Team	R	H	E
Whiz Kids	102	001	1—5 2 3
Reactors	000	101	0—2 1 0
Batteries:	Whiz Kids, Matlock and J. Collins. Reactors, Hawkins and Smith.		

Team	R	H	E
Whiz Kids	000	011	1—3 6 3
Reactors	101	031	x—6 5 0
Batteries:	Whiz Kids, Hayes and J. Collins. Reactors, Chandler and Smith, Hopkins (5th).		

Team	R	H	E
Reactors	020	201	0—5 7 0
Whiz Kids	001	000	0—1 3 2
Batteries:	Reactors, Hawkins and Smith. Whiz Kids, Matlock and J. Collins.		





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## New UCC Division Formed For Products

### Marketing Of Articles To Consumers Is Aim

Union Carbide Corporation has formed a new operating division to expand its consumer products business, it has been announced by Morse G. Dial, chairman and chief executive officer.

The new division will be known as Union Carbide Consumer Products Company. Initially, it will market the Corporation's Prestone and Eveready brand products, which have been handled by National Carbon Company, division of Union Carbide. These products include batteries, anti-freeze, automotive specialty products and garden chemicals. National Carbon Company will continue to manufacture and market electrodes, arc lighting carbons, brushes for electric motors and other carbon and graphite specialties.

#### Officers Are Named

Adger S. Johnson, formerly president of National Carbon Company, has been elected a vice-president of Union Carbide Corporation and will supervise the consumer product activities of the Corporation. Arthur C. Bryan has been appointed president of the Union Carbide Consumer Products Company and William H. Feathers president of National Carbon Company.

Johnson has been president of National Carbon Company since 1951. He joined Union Carbide in 1928. He received a bachelor of science degree in chemical engineering from Virginia Polytechnic Institute in 1928. Bryan has been vice-president and general manager of National Carbon Company's consumer products group since 1954. He joined Union Carbide in 1935. He was awarded the degree of bachelor of science in electrical engineering at the University of Nebraska in 1926. Feathers has been vice-president and general manager in charge of industrial products since 1954. He joined Union Carbide in 1937. He was graduated from Virginia Polytechnic Institute in 1937 with a bachelor of science degree and did graduate work under a Sloan Fellowship at Massachusetts Institute of Technology in 1951.

#### Vice Presidents Appointed

Paul M. Buhner and Raymond P. Bergan have been appointed vice-presidents of the Union Carbide Consumer Products Company. Buhner joined the Union Carbide organization in 1923 at the National Carbon research laboratories in Fremont, Ohio. He has been an officer of National Carbon Company since 1952. He was born in Tiffin, Ohio, attended Johns Hopkins University and received the degree of B.S. in chemistry from that institution in 1923. Bergan became associated with Union Carbide in 1925 when he joined National Carbon Company's sales organization. He has been an officer of National Carbon since 1958. Bergan was born in Mayfield, Pa., and attended Villanova University.

Most of us know how to say nothing—few of us know when.

## U-T Television Courses Listed

Continued from Page 1

341TV and 342TV. The course will be taught primarily on television from "Continental Classroom." If sufficient interest is shown, the university will offer credit for the courses and arrange for supplementary work on the campus and by correspondence.

Physics 221TV will require watching the daily television lesson until the first week in February, preparing for assignments, taking examinations, and appearing at four seminar meetings on the university campus in Knoxville during the four-month period. Physics 341TV and 342TV will require the same work from mid-February until May 27, plus attendance at approximately 10 seminar meetings on the campus. Time, dates, and place of the campus meetings will be decided by the group at the first meeting in Knoxville, Saturday, October 3, at 9 a.m. in Science Hall. Physics 221TV will carry four hours credit when completed successfully.

Physics 341TV and 342TV will each carry three hours credit—a total of 10 hours for the year. The first course may be taken by those who do not intend to continue throughout the year, but students must enroll for 341TV and 342TV together and complete the entire period from mid-February to May 27 in order to receive credit for the two courses.

The university also will offer 12 quarter hours of college credit for Modern Chemistry, designated as Chemistry 111TV, 112TV, and 113TV. No previous college work is required to enroll for this course, which also begins on Sep-

## 'Brady Exhibit' To Be Shown At OR Library

The famous "Brady Exhibit" of War Between The States battle-field action pictures is to be displayed at the Oak Ridge Library all next week. The Brady exhibit has been obtained for local display by the Carbide Camera Club after 10 years of effort by special arrangement with the Ansco Corp.

Matthew Brady was a pioneer photographer. He introduced Daguerre's methods of photography in New York in 1842. His book of pictures, "Illustrious Americans," won prizes in London in 1851 and at the New York World Fair in 1853. After he switched to the wet plate process his business prospered.

He was employed by the government to photograph the War Between The States. On this assignment he took more than 3,500 photographs of battles and soldier life. He developed and printed the pictures in a portable darkroom mounted on a wagon.

The "Brady Exhibit" consists of prints made from previously unpublished negatives found in an old New England barn in the mid-forties of this century.

tember 28. Requirements are simply a high school diploma or its equivalent in experience.

#### Must Watch Each Program

The University of Tennessee will offer credit for the course if sufficient interest is shown and when the necessary qualifications are met. The entire year of three quarters must be successfully completed in order for the student to receive credit for any portion of the year's work.

Students enrolled for credit will be required to watch each program daily, to read assigned textbook material, and to attend one three-hour laboratory class each week on the university campus in Knoxville for the entire year. Dr. C. W. Keenan, professor of chemistry, will be in charge of the laboratories and course procedures.

#### TWO PRESIDENTS BALD

John Quincy Adams and Dwight D. Eisenhower are the only bald-headed presidents the United States has ever had.



Jimmy Carter

## ORPS Will Offer Piloting Class For Water Safety

With great emphasis now being laid on water safety following a number of serious accidents and near misses on East Tennessee lakes, The Oak Ridge Power Squadron stresses the announcement of its annual free course in piloting for all Y-12 and other Oak Ridge boatmen. The course will begin next Tuesday night, September 22, at the Oak Ridge High School in connection with the Oak Ridge Adult Education Program.

Education in water safety rather than legislation will lower the accident rates among East Tennessee boatmen, the Power Squadron believes. All Y-12ers interested in boating and water safety are urged to attend the ORPS classes to learn more about handling small craft. The piloting class and other courses aimed at helping both power and sailing pilots have been held by the Power Squadron since 1947.

#### PUERTO RICO PLANT OPENS

Union Carbide International Company's Puerto Rico chemicals plant at Ponce began production on July 1. The plant is producing ethylene glycol for foreign and United States consumption.

## Son Of Y-12er Attains Rank Of Eagle Scout

Jimmy Carter, 13, son of a Y-12er, has good reason for wearing the big smile shown in the picture at left. When the picture was snapped he had just been advanced to the rank of Eagle Scout, the highest honor that can be bestowed on a Boy Scout.

Jimmy is the son of George W. Carter, of the General Machine Shop, and Mrs. Carter. They live in the Karns community in a house built mostly by the Y-12er himself. Jimmy Carter is in the eighth grade at the Karns elementary school.

Young Carter passed all of the grades of scouting from Cub to Eagle in Troop No. 350 at Karns. In fact, he completed his tests in the 24 subjects for merit badges required for the Eagle Scout ranking in less than two years after becoming a Boy Scout.

In addition to receiving the Eagle Scout ranking at services recently at the Beaver Ridge Methodist Church, of which the Carters are members, Jimmy soon will receive another high Scout honor — the God and Country Award. To receive this he is rated not only as a scout but on his personality, church and school records. He is being tutored for the God and Country Award by the Rev. O. C. Clark, pastor of the Beaver Ridge church.

The Eagle Scout award was presented to Jimmy Carter by Chauncey Stout, rank advancement chairman of the North Knoxville District of the Boy Scouts of America. Young Carter's scoutmaster at Karns is Jack Chambers.

## East Portal Parkers Urged To Use North

Continued from Page 1

relieve congestion in the East Portal area will be the moving of all government vehicles that have been parking in that area to space at the Bear Creek Portal, where there is ample parking space for them. When the East Portal project is completed, parking of government vehicles will be resumed there.

The Ralph Rogers Construction Co., of Oak Ridge and Nashville, is doing the East Portal project and expects to complete it well within the 90 calendar days allotted for the work. This would place the enlarged facilities in use between the middle of November and the first of December.

## Time Growing Short To Ask For Benefits

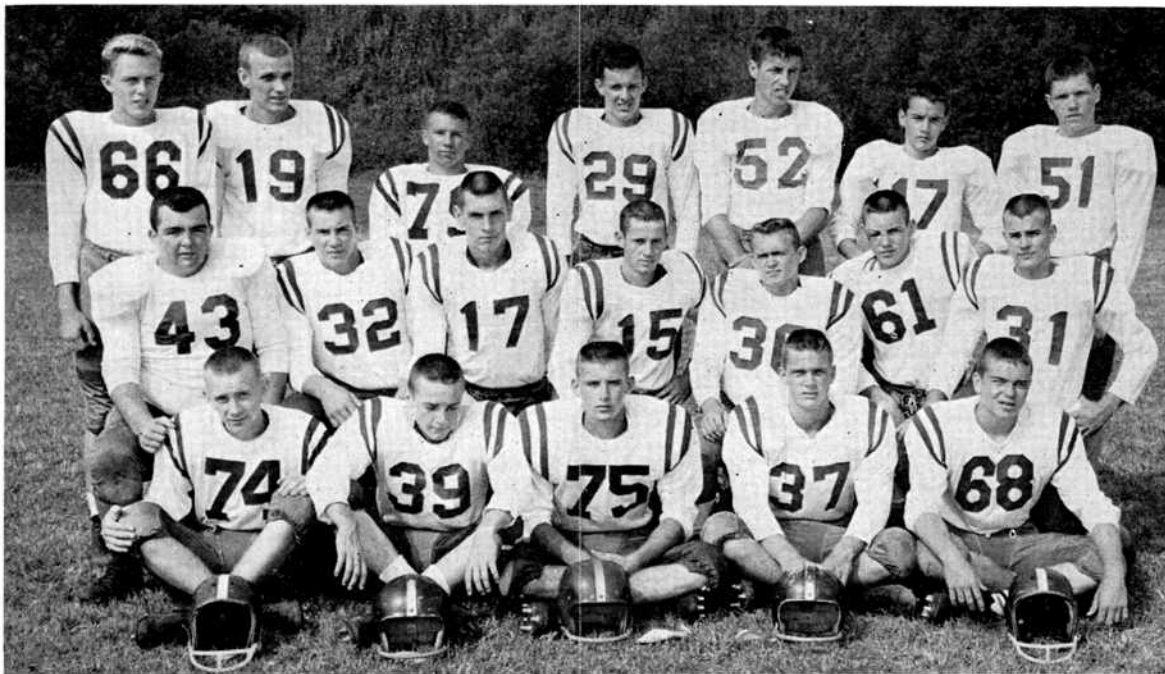
Continued from Page 1

school courses can be made at any time.

#### Supervision Approval Needed

All Y-12ers with more than six months of Company Service are eligible for assistance under the UCNC Educational Assistance Program. Applicants must receive approval of their supervision and the Y-12 Plant Superintendent and courses selected must be such as to help the employee advance in his present job or aid him in obtaining advancement. The benefits offered cover one-half of the cost of tuition, laboratory fees, books and necessary supplies, which will be paid by the Company on successful completion of courses by the applicants.

Marriage brings about punctuality, thrift and several other virtues that a man would not need if he stayed single.



AS USUAL, MANY SONS OF Y-12ERS AND OTHER CARBIDE EMPLOYEES ARE MEMBERS OF THE OAK RIDGE High School football squad again this season. Most of the Y-12 sons, with their dad's first name and department in parenthesis, are shown above. In back row, from left are No. 66, Eugene Arrington, wingback (Jim, Chemical); No. 19, Harold Whitson, fullback; No. 79, David Green, blocking back (Charley, Buildings and Grounds); No. 29, Jim Qualls, tailback (J. H., Enriched Uranium Recovery); No. 52, Tony Wylie, center (George W., Janitors); No. 17, Tommy Rhea, wingback (O. J., General Machine Shop); No. 51, David Griffith, guard. In the middle row are No. 43, Tommy Handley, tackle; No. 32, Dick Truitt, fullback; No. 17, Phillip McLaughlin, center (L. M., Development Operations); No. 15, Larry Mason, tailback (C. W., Research Services); No. 30, Eddie Jones, guard (George C., Sunflower Shop); No. 61, Jack Truitt, guard; No. 31, Bobby Bertin, blocking back (P. J., Enriched Uranium Recovery). In the front row are No. 74, Phil Whitson, guard (K. E., Process Maintenance); No. 39, Eric Davis, end (G. L., Piping Engineering); No. 75, Monty McWilliams, end (Gene, Janitors); No. 37, Jim Fuller, end; No. 68, Ronnie Dickinson, tackle (H. C., Forming).